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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/034,664	12/28/2001	Paul S. Chambers	US 018213	1835

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EXAMINER

BOUTAH, ALINA A

ART UNIT PAPER NUMBER

2143

DATE MAILED: 08/24/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/034,664

Applicant(s)

CHAMBERS, PAUL S.

Examiner

Alina N Boutah

Art Unit

2143

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 06 June 2006.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1 and 3-8 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1 and 3-8 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

Art Unit: 2143

DETAILED ACTION

Response to Amendment

This action is in response to Applicant's amendment filed June 6, 2006. Claims 1 and 3-8 are pending in the present application.

Claim Rejections - 35 USC § 112

Due to Applicant's amendment, the 112 rejection of claims 1, 3 and 8 are now withdrawn.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 1 and 3-8 are rejected under 35 U.S.C. 103(a) as being unpatentable over Collin et al. (USPN 6,330,597; hereinafter referred to as Collin) in view of Klopp Lemon et al. (US 2002/0156881; hereinafter referred to as Klopp Lemon).

(Amended) Regarding claim 1, Collin teaches a method for configuring a home network that has a data processing device and a network access device for access to an external network, comprising:

monitoring communication between the data processing device and the network access device (abstract; col. 2, lines 12-35);

extracting information from the monitored communication for configuring an interface between the data processing device the home network and the access device (col. 6, line 61 to col. 7, line 11; figures 2 and 3).

However, Collin does not explicitly teach said interface intercepts an HTTP-based communication between the data processing device and the network access device, and routes said communication to a web server, which enables the data processing device to be configured manually or automatically. Klopp Lemon teaches an Internet proxy server that intercepts an HTTP-based communication between a client and a web server and routes said communication to a web server [0066; 0082; 0084; 0089]. At the time the invention was made, one of ordinary skill in the art would have been motivated to incorporate the teaching of Klopp Lemon into the teaching of Collin in order to limit unauthorized access, thus providing maximum security for the network.

Regarding claim 3, Collin teaches the method of claim 1, further comprising guiding a user how to configure the interface based on the information extracted (col. 7, line 12-21).

Art Unit: 2143

Regarding claim 4, Collin teaches the method of claim 1, wherein the information extracted comprises an indication of one or more protocols below the transport level being used in the communication (col. 2, line 66 to col. 3, line 14).

(Amended) Regarding claim 5, Collin teaches a software for configuring a home network, wherein the home network has a data processing device and a network access device for access of an external network, the software comprising:

a monitor for monitoring communication between the data processing device and the network access device (abstract; col. 2, lines 12-35); and

a configuration program for configuring an interface between the data processing device and the access device based on information extracted from the communication monitored (col. 6, line 61 to col. 7, line 11; figures 2 and 3).

However, Collin does not explicitly teach said interface intercepts an HTTP-based communication between the data processing device and the network access device, and routes said communication to a web server, which enables the data processing device to be configured manually or automatically. Klopp Lemon teaches an Internet proxy server that intercepts an HTTP-based communication between a client and a web server and routes said communication to a web server [0066; 0082; 0084; 0089]. At the time the invention was made, one of ordinary skill in the art would have been motivated to incorporate the teaching of Klopp Lemon into the teaching of Collin in order to limit unauthorized access, thus providing maximum security for the network.

Art Unit: 2143

Regarding claim 6, Collin teaches the software of claim 5 wherein the configuration program automatically configures the interface (col. 2, line 66 to col. 3, line 14).

Regarding claim 7, Collin teaches the software of claim 5, wherein the configuration program guides a user through configuring the interface based on the information extracted (col. 7, line 12-21).

(Amended) Regarding claim 8, Collin teaches an electronic apparatus for configuring a home network, having a data processing device and a network access device for access of an external network, comprising:

a monitor for monitoring communication between the data processing device and the network access device (abstract; col. 2, lines 12-35); and

a configuration program for configuring an interface between the data processing device and the network access device based on information extracted from the communication monitored (col. 6, line 61 to col. 7, line 11; figures 2 and 3).

However, Collin does not explicitly teach said interface intercepts an HTTP-based communication between the data processing device and the network access device, and routes said communication to a web server, which enables the data processing device to be configured manually or automatically. Klopp Lemon teaches an Internet proxy server that intercepts an HTTP-based communication between a client and a web server and routes said communication to a web server [0066; 0082; 0084; 0089]. At the time the invention was made, one of ordinary skill in the art would have been motivated to incorporate the teaching of Klopp Lemon into the

Art Unit: 2143

teaching of Collin in order to limit unauthorized access, thus providing maximum security for the network.

Response to Arguments

Applicant's arguments with respect to independent claims have been considered but are moot in view of the new ground(s) of rejection.

Conclusion

Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a).

Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Alina N. Boutah whose telephone number is 571-272-3908. The examiner can normally be reached on Monday-Friday (9:00 am - 5:00 pm).

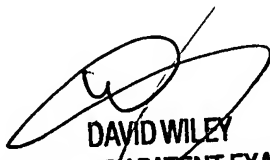
Art Unit: 2143

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David A. Wiley can be reached on 571-272-3923. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

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